

# Land and Lakes Co.

19780303 N  
W.H. Co.  
Lemont/Land & Lakes

123 N. NORTHWEST HIGHWAY

(312) 825-5000

PARK RIDGE, ILLINOIS 60068

RECEIVED

JUL 20 1981

E.P.A. — D.L.P.C.  
STATE OF ILLINOIS

July 15, 1981

Mr. Rauf Piskin, Manager  
Ground Water Management Section  
Division of Land/Noise Pollution Control  
Environmental Protection Agency  
2200 Churchill Road  
Springfield, IL 62706

EPA Region 5 Records Ctr.



358259

Re: Well Monitoring Program at Lemont/Land and Lakes

Dear Mr. Piskin:

This letter is pursuant to our telephone conversation of July 7 in which Mr. Charles Pfingsten, Project Engineer for Soils Testing Services, and myself discussed your letter of June 26 concerning water monitoring procedures at Land and Lakes Company's Lemont facility.

The Agency finds inadequacy in the present monitoring program due to the following reasons:

1. The existing well casing diameter of 1½ inches is less than the 2 inch diameter suggested by the Agency's guideline.
2. Screen depth in the wells are not chosen properly.
3. Three wells are located in future fill areas.

As discussed in our recent telephone conversation, the well construction took place in June of 1973 and shortly thereafter, design drawings indicating schematic diagrams of well configuration were forwarded to the Agency. These drawings, copies of which are enclosed, illustrate the surface elevation, materials and method of construction, and screen depths of each boring location.

Mr. Rauf Piskin  
July 15, 1981  
Page 2

Because the Agency's guidelines were revised subsequent to the monitoring wells installation, it is the opinion of Land and Lakes Company that despite its reduced diameter, the already in-place wells should be approved by the Ground Water Management Section.

It is our intention to replace the wells located in future fill areas. A plan will be submitted shortly detailing the proposed method of construction and location of each well. A study is also underway to determine the depth to water level and fluctuations which occur in order that screen depths be chosen properly. As soon as the results have been evaluated, the Agency will be notified.

Your understanding and cooperation is appreciated in this matter.

Sincerely yours,

LAND AND LAKES COMPANY

Robert M. Murphy  
Civil Engineer

RMM:dja  
Enclosure  
cc: Mr. Charles Pfingsten

RECEIVED

JUL 20 1981

E.P.A. — D.L.P.C.  
STATE OF ILLINOIS

Northbrook Phone: 272-6520  
Chicago Phone: 273-5440

SOIL TESTING SERVICES, Inc.

P.O. Box 264 111 Princeton Road

Northbrook, Illinois 60062

JOHN P. GNAEDINGER  
CLYDE N. BAKER, JR.  
ROBERT G. LUKAS

SYLVIO J. POLLICI  
CLYDE L. McCOMB

19780303

Will Co.  
Levee/Land & Levee



ORIGINALS

Date NOV. 29, 1973

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY

PERMIT SECTION

2206 CHURCHILL ROAD  
SPRINGFIELD, ILLINOIS 62706

Attention: MR. THOMAS CLARK

STS Job No. 15009A

Structure PROPOSED SANITARY  
LANDFILL

Location WILL COUNTY, ILLINOIS

Gentlemen:

☒ herewith

We are sending

3 sets of prints of

☐ under separate cover

RECEIVED

JUL 20 1981

E.P.A. — D.L.P.C.  
STATE OF ILLINOIS

- ☐ Boring Logs and Location Diagram
- ☐ Laboratory Compaction Data
- ☐ Field Compaction Control Data
- ☐ Classification Test Data
- ☐ Consolidation Test Data
- ☐ Triaxial Compression Test Data
- ☐ Sealed Jar Samples
- ☐ Rock Core Samples

- ☐ Caisson Reports
- ☐ Permeability Tests Data
- ☐ Grain Size Analysis Data
- ☐ Atterberg Limits Test Data
- ☐ C.B.R. Test Data
- ☐ Organic Content Test Data
- ☒ OBSERVATION WELL  
CONFIGURATION

for the above job.

Remarks

3CC C.W. GREENGARD ASSOC.

1374 OLD SKOKIE ROAD

HIGHLAND PARK, ILLINOIS 60035

ATTN: MR. DON FIELDING

Yours truly,

SOIL TESTING SERVICES, INC.

Charles W. Pfister

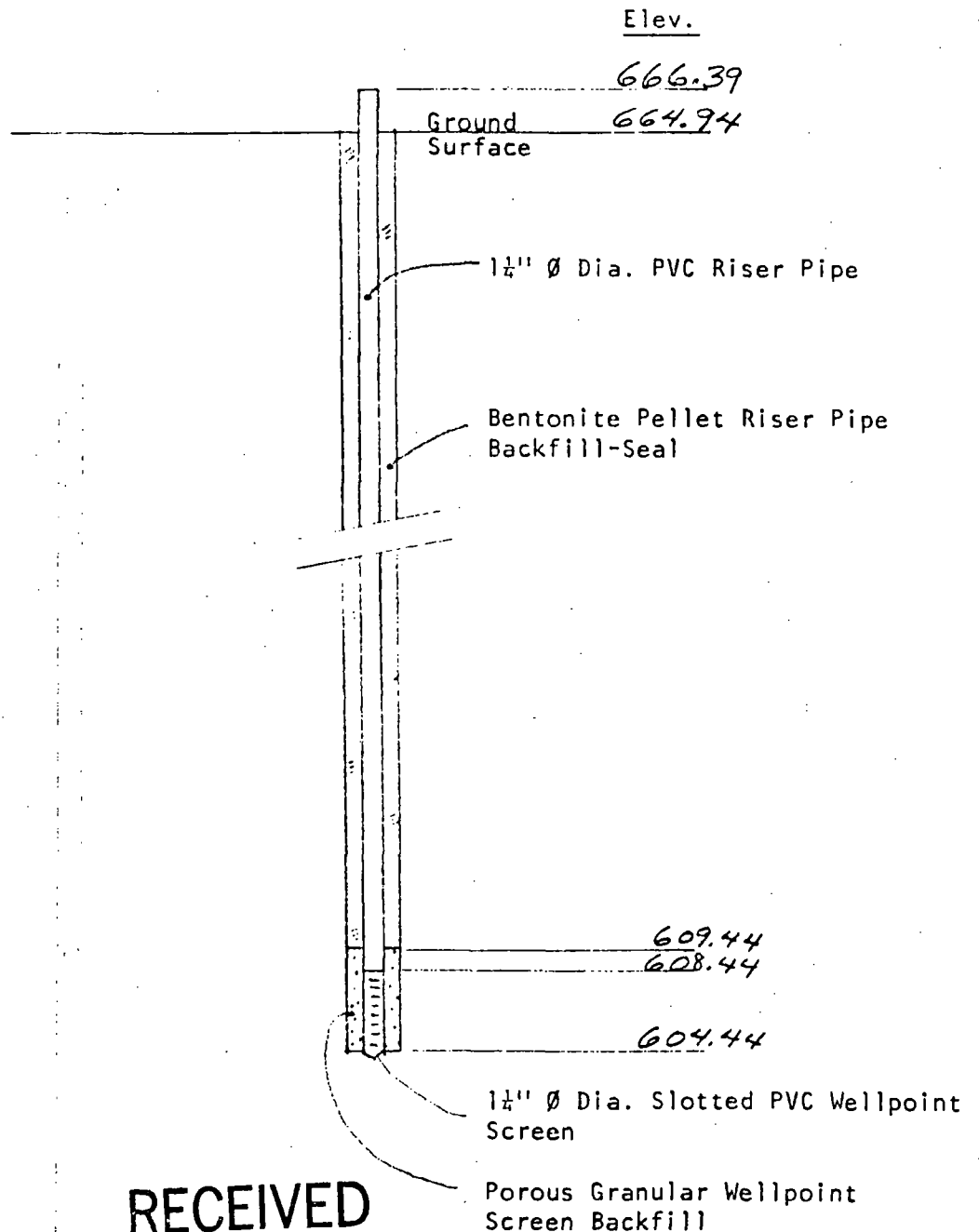
Willow Ranch Land Reclamation Project  
Will County, Illinois  
November 29, 1973

Soil Testing Services, Inc.  
Northbrook, Illinois  
STS Job No. 15009-A

WBZ 19780303  
Will Co  
Lemont/Land/Lakes

Schematic Diagram  
Single Wellpoint Type  
Piezometer

Boring No. LA



RECEIVED

JUL 20 1981

E.P.A. — D.L.P.C.  
STATE OF ILLINOIS

Not to Scale

Willow Ranch Land Reclamation Project  
Will County, Illinois  
November 29, 1973

Soil Testing Services, Inc.  
Northbrook, Illinois  
STS Job No. 15009-A

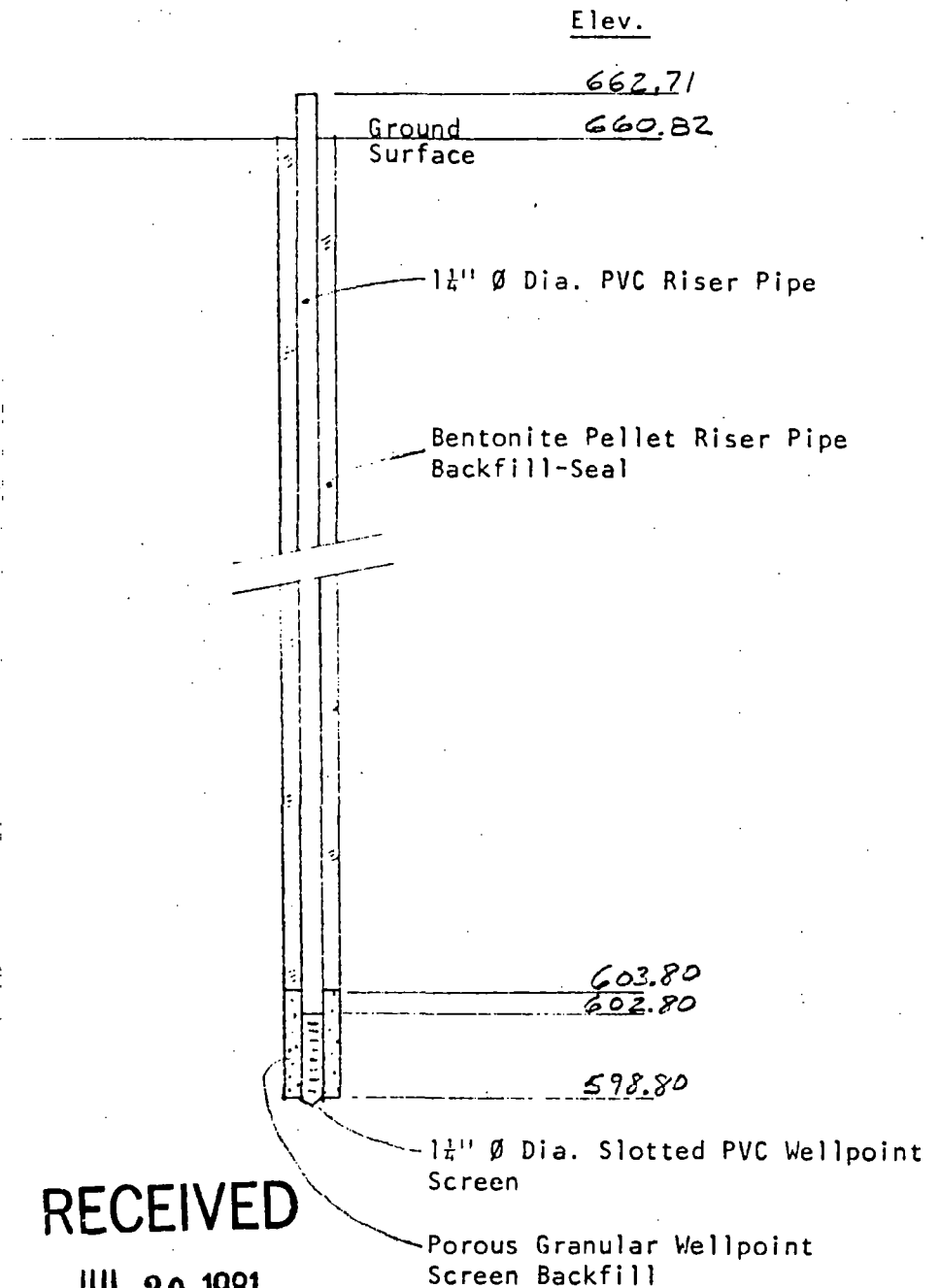
19780303

W.T. Co.

Lemont/Land & Lakes

Schematic Diagram  
Single Wellpoint Type  
Piezometer

Boring No. 2A



RECEIVED

JUL 20 1981

E.P.A. — D.L.P.C.  
STATE OF ILLINOIS

Not to Scale

Willow Ranch Land Reclamation Project  
Will County, Illinois  
November 29, 1973

WEZ  
Soil Testing Services, Inc.  
Northbrook, Illinois  
STS Job No. 15009-A

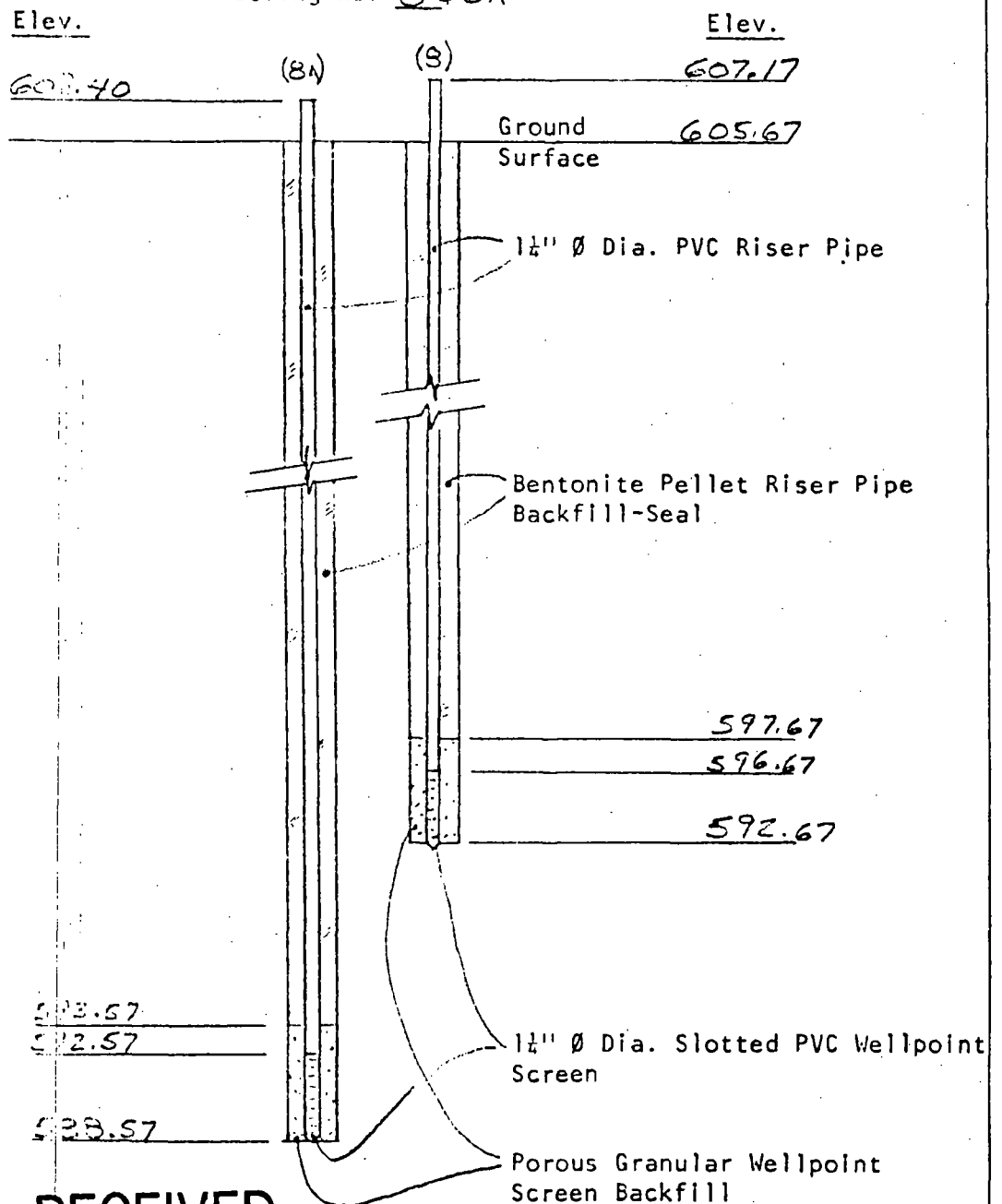
19780303

Will Co.

Leasit/ Land & Lakes

Schematic Diagram  
Dual Wellpoint Type  
Piezometer Nest

Boring No. 848A



RECEIVED

JUL 20 1981

E.P.A. — D.L.P.C.  
STATE OF ILLINOIS

Not to Scale

SOIL TESTING SERVICES, INC.

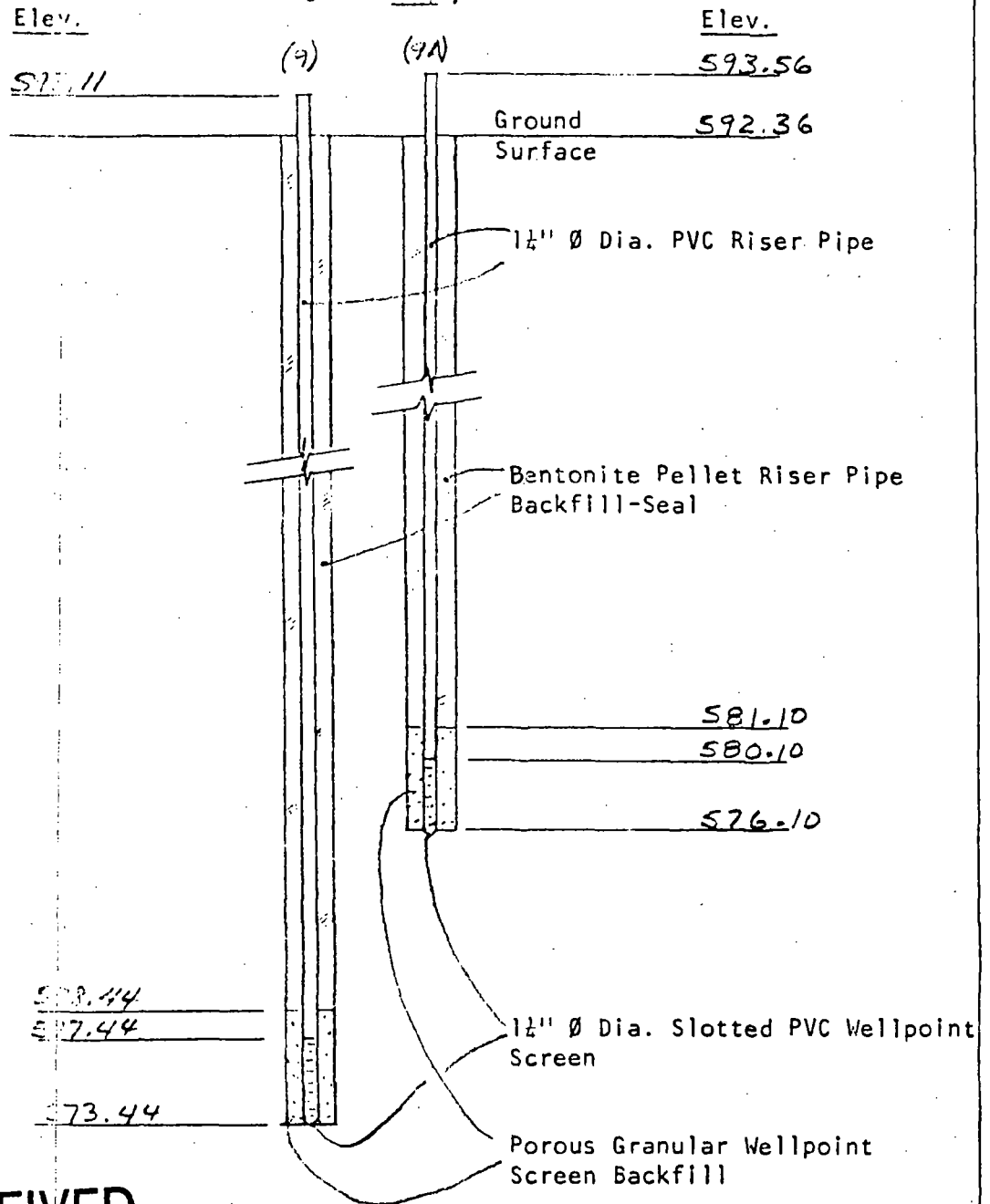
Willow Ranch Land Reclamation Project  
Will County, Illinois  
November 29, 1973

Soil Testing Services, Inc.  
Northbrook, Illinois  
STS Job No. 15009-A.

19780303  
Will Co.  
Leont/Land+Lakes

Schematic Diagram  
Dual Wellpoint Type  
Piezometer Nest

Boring No. 999A



RECEIVED

JUL 20 1981

E.P.A. - D.L.P.C.  
STATE OF ILLINOIS

Not to Scale

SOIL TESTING SERVICES, INC.